

CLAIMS

1. Plastic container (10) for storage and transport in particular of explosive contents, comprised of at least two plastic layers, with the inner layer (14) being non-electroconductive and the outer layer (12) being electroconductive, characterized in that an electric connection is established between the inside content and the bottom end, upon which the plastic container rests, to prevent an explosive electrostatic charge buildup of the container body and/or content and to assure a secure dissipation of the electrostatic charge buildup into the bottom end.
2. Plastic container according to claim 1, characterized in that the electroconductive connection between the liquid content and the conductive outer container layer (12) is realized via a permanently installed conductive dissipator rod or a dip tube (16) and via a screwed, also conductive, bung plug (18) in which the dissipator rod (16) is inserted and which, when screwed in, is in electric contact with the conductive outer side (12) of the drum body.
3. Plastic container according to claim 2, characterized in that the dissipator rod (16) is longer by about between 3 % and 30 % than the height of the container so that the dissipator rod (16) is able to extend from the conductive bung plug to the most remote area of the container bottom end.

4. Plastic container according to claim 1, 2 or 3, characterized in that the electric connection between the liquid content inside and the electroconductive outer side (12) of the container body is realized via a special further bottom bung plug (24) which is also conductive and screwed into the bottom end of the container body.
5. Plastic container according to claim 1, 2, 3 or 4, characterized in that the electric connection between the liquid content inside and the electroconductive outer side (12) of the container body is realized via a special plug (26, 28) which is made of conductive plastic and welded or injection-molded into the bottom end of the container body.
6. Plastic container according to claim 1, 2, 3 or 4, characterized in that the electric connection between the liquid content inside and the electroconductive outer side (12) of the container body is realized via at least one wall dimple (30) provided, preferably, in the bottom end of the container body, whereby the outer layer (12) made of conductive plastic is formed into the interior of the container body and is brought into contact with the liquid content.

7. Plastic container according to one of the preceding claims 1 to 6, characterized in that the electrically conductive bung plug (18) is designed as venting bung plug (32) with vent openings (32) and central smaller screw plug (34).